

after line 24 insert the following paragraph:

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--The foregoing relates to a preferred exemplary of embodiments of the invention, it being understood that other variants and embodiments thereof are possible within the spirit and scope of the invention, the latter being defined by the appended claims.--.

IN THE CLAIMS

Page 13, line 1, delete "Claims" and insert --We Claim--.

Please cancel claims 1-10 and add new claims 11-24.

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11. An electronic control unit, comprising a component board (3) on an assembly side (4) of which a plurality of electronic modules (10, 11, 12, 13), are provided with a separate electrical control circuit, an electrical control circuit of an electronic module generates at least one control function for controlling a respective operating device disposed outside the control unit, for electrically connecting the operating devices to the electronic modules (10, 11, 12, 13), a plurality of connector parts (20, 21, 22) are provided with contact elements (50) which are disposed separately on the assembly side (4) of the component board (3), and each electronic module is assigned at least one connector part, which is disposed on the component board in a vicinity of each respective electronic module and is electrically conductively connected to each respective electronic module via line connections (41) mounted on the component board (3).

12. The electronic control unit of claim 11, in which the connector parts (20, 21, 22) are embodied for receiving a counterpart connector, connected to the connecting lines of the operating devices, which counterpart connectors can be plugged into the connector parts (20, 21, 22) perpendicular to the assembly side (4) of the component board (3).

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13. The electronic control unit of claim 12, in which the connector parts (20, 21, 22) are surface-mounted components (SMDs), and that the contact elements (50) of the connector parts are soldered, by their end portions facing toward the assembly side (4) of the component board (3), to the line connections (41) of the component board.

14. The electronic control unit of one of claim 11, in which further line connections (42, 43) are provided on the component board, which without an interposition of electrical or electronic components electrically connect at least one contact element (50) of a connector part (20) to another contact element (50) of the same connector part, or to a contact element (50) of a different connector part (21).

15. The electronic control unit of one of claim 12, in which further line connections (42, 43) are provided on the component board, which without an interposition of electrical or electronic components electrically connect at least one contact element (50) of a connector part (20) to another contact element (50) of the same connector part, or to a contact element (50) of a different connector part (21).

16. The electronic control unit of one of claim 13, in which further line connections (42, 43) are provided on the component board, which without an interposition of electrical or electronic components electrically connect at least one contact element (50) of a connector part (20) to another contact element (50) of the same connector part, or to a contact element (50) of a different connector part (21).

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17. The electronic control unit of claim 11, in which electric power components (31) are mounted directly on the assembly side (4) of the component board (3) and are electrically connected to at least one electronic module and/or at least one connector part (21) via line connections (44) of the component board.

18. The electronic control unit of claim 11, in which a common power supply unit (33) for all the electronic modules (20, 21, 22) is disposed on the component board (3) and is electrically conductively connected to the electronic modules (20, 21, 22) and/or connector parts (20, 21, 22) via line connections of the component board.

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19. The electronic control unit of claim 11, in which a common signal processing device (32) for all the electronic modules (20, 21, 22) is disposed on the component board (3) and is electrically conductively connected to the electronic modules (10, 11, 12) and/or connector parts (20, 21, 22) via line connections (45) of the component board.

20. The electronic control unit of claim 11, wherein relatively large passive components (34) are mounted directly on the assembly side (4) of the component board (3) and are electrically conductively connected to the electronic modules (10, 11, 12) via line connections (46) of the component board.

21. The electronic control unit of claim 11, wherein the electrical control circuit of an electronic module (10, 11, 12) includes at least one microprocessor (61) for each separate electronic module.

22. The electronic control unit of claim 11, wherein the component board (3) is mounted with a side (5) remote from the assembly side (4), onto a housing part (2) of the control unit.

23. The electronic control unit of claim 12, wherein the component board (3) is mounted with a side (5) remote from the assembly side (4), onto a housing part (2) of the control unit.

24. The electronic control unit of claim 13, wherein the component board (3) is mounted with a side (5) remote from the assembly side (4), onto a housing part (2) of the control unit.